



Linear Bearing with Housing

closed

Overview:

standard:

- SCE...UU
- SC...UU

compact:

- SCE...SUU
- SC...SUU

long:

- SCE...LUU
- SC...LUU

adjustable:

- SCJ...UU

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Linear Bearing with Housing - closed - standard

SCE...UU



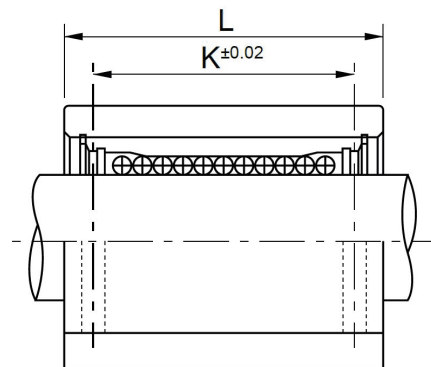
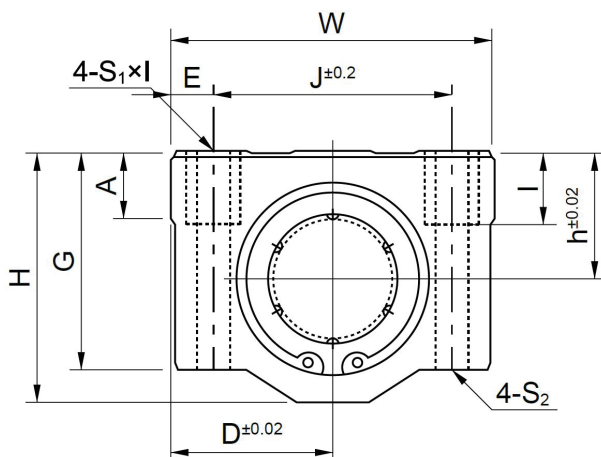
Bezeichnung / Type	Linearlager / Linear Bearing	Tragzahl / Basic load rating	
		Dynamisch C N Dynamic C N	Statisch Co N Static Co N
SCE8UU	LME8UU	260	400
SCE12UU	LME12UU	410	590
SCE16UU	LME16UU	770	1170
SCE20UU	LME20UU	860	1370
SCE25UU	LME25UU	980	1560
SCE30UU	LME30UU	1560	2740
SCE40UU	LME40UU	2150	4010
SCE50UU	LME50UU	3820	7930



SCE...UU Bearings according to the metric-European standard.

UU = Dirt wipers on both sides.

Thanks to the aluminum housing with 4 fastening threads, the mechanical effort (e.g. when building a CNC or rapid prototyping machine) can be significantly reduced.



Bezeichnung / Type	Art.Nr. / Item No.	Wellendurch- messer / Shaft Diameter	Maße / Dimensions (mm)												Gewicht / Weight (g)
			h	D	W	H	G	A	J	E	S ₁ xI	S ₂	K	L	
SCE8UU	10775	Ø8	11	17	34	22	18	6	24	5	M4x8	Ø3,4	18	30	60
SCE12UU	10799	Ø12	15	22	44	30	24	8	33	5,5	M5x10	Ø4,3	26	39	118
SCE16UU	10805	Ø16	19	25	50	38,5	32,5	9	36	7	M5x12	Ø4,3	34	44	180
SCE20UU	10829	Ø20	21	27	54	41	35	11	40	7	M6x12	Ø5,2	40	53	245
SCE25UU	10836	Ø25	26	38	76	51,5	41	12	54	11	M8x18	Ø6,5	50	67	550
SCE30UU	10843	Ø30	30	39	78	59,5	49	15	58	10	M8x18	Ø6,8	58	76	760
SCE40UU	10850	Ø40	40	51	102	78	62	20	80	11	M10x25	Ø8,6	60	90	1700
SCE50UU	10867	Ø50	52	61	122	102	80	24	100	11	M10x25	Ø8,6	80	110	2950

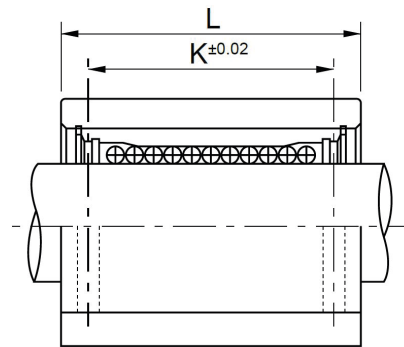
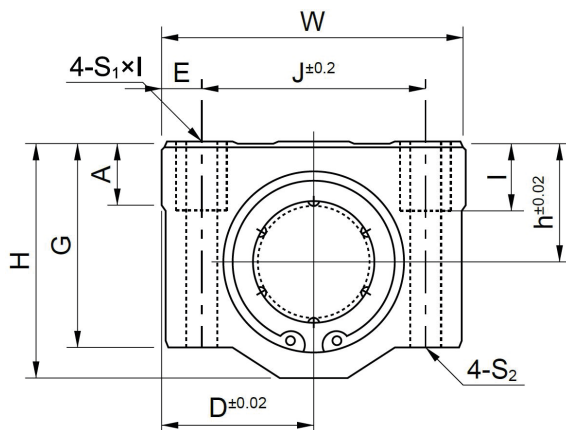
Linear Bearing with Housing - closed - standard

SC...UU



SC...UU Metric-Japanese standard bearing.
UU = Dirt wipers on both sides.
Aluminum housing with 4 fastening threads.

Bezeichnung / Type	Linearlager / Linear Bearing	Tragzahl / Basic load rating	
		Dynamisch C N Dynamic C N	Statisch Co N Static Co N
SC8UU	LM8UU	274	392
SC10UU	LM10UU	372	549
SC12UU	LM12UU	510	784
SC13UU	LM13UU	510	784
SC16UU	LM16UU	774	1180
SC20UU	LM20UU	882	1370
SC25UU	LM25UU	980	1570
SC30UU	LM30UU	1570	2740
SC35UU	LM35UU	1670	3140
SC40UU	LM40UU	2160	4020
SC50UU	LM50UU	3820	7940



Bezeichnung / Type	Art.Nr. / Item No.	Wellendurch- messer / Shaft Diameter	Maße / Dimensions (mm)												Gewicht / Weight (g)
			h	D	W	H	G	A	J	E	S ₁ xI	S ₂	K	L	
SC8UU	SC8UU	Ø8	11	17	34	22	18	6	24	5	M4x8	Ø3,4	18	30	56
SC10UU	10782	Ø10	13	20	40	26	21	8	28	6	M5x12	Ø4,3	21	35	90
SC12UU	12816	Ø12	15	21	42	28	24	8	30,5	5,75	M5x12	Ø4,3	26	36	112
SC13UU	SC13UU	Ø13	15	22	44	30	24,5	8	33	5,5	M5x12	Ø4,3	26	39	123
SC16UU	12823	Ø16	19	25	50	38,5	32,5	9	36	7	M5x12	Ø4,3	34	44	189
SC20UU	10812	Ø20	21	27	54	41	35	11	40	7	M6x12	Ø5,2	40	50	237
SC25UU	SC25UU	Ø25	26	38	76	51,5	42	12	54	11	M8x18	Ø7,0	50	67	555
SC30UU	SC30UU	Ø30	30	39	78	59,5	49	15	58	10	M8x18	Ø7,0	58	72	685
SC35UU	*	Ø35	34	45	90	68	54	18	70	10	M8x18	Ø7,0	60	80	1100
SC40UU	SC40UU	Ø40	40	51	102	78	62	20	80	11	M10x25	Ø8,7	60	90	1600
SC50UU	SC50UU	Ø50	52	61	122	102	80	25	100	11	M10x25	Ø8,7	80	110	3350

*on demand

Linear Bearing with Housing - closed - long

SCE...LUU



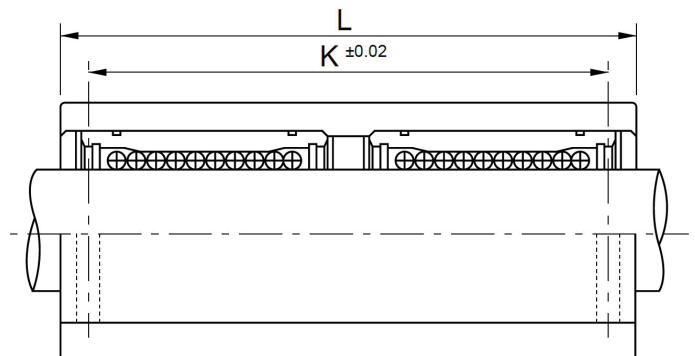
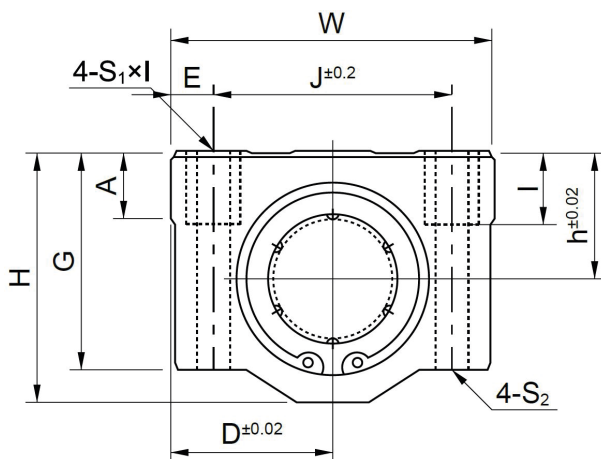
Bezeichnung / Type	Linearlager / Linear Bearing	Tragzahl / Basic load rating	
		Dynamisch C N Dynamic C N	Statisch Co N Static Co N
SCE8LUU	2xLME8UU	410	800
SCE12LUU	2xLME12UU	650	1180
SCE16LUU	2xLME16UU	1230	2340
SCE20LUU	2xLME20UU	1370	2740
SCE25LUU	2xLME25UU	1560	3120
SCE30LUU	2xLME30UU	2490	5480
SCE40LUU	2xLME40UU	3440	8020
SCE50LUU	2xLME50UU	6110	15860



SCE...LUU Bearings according to the metric-European standard.

UU = Dirt wipers on both sides.

Thanks to the aluminum housing with 4 fastening threads, the mechanical effort (e.g. when building a CNC or rapid prototyping machine) can be significantly reduced.



Bezeichnung / Type	Art.Nr. / Item No.	Wellendurch- messer / Shaft Diameter	Maße / Dimensions (mm)												Gewicht / Weight (g)
			h	D	W	H	G	A	J	E	S ₁ xI	S ₂	K	L	
SCE8LUU	10966	Ø8	11	17	34	22	18	6	24	5	M4x8	Ø3,4	42	58	98
SCE12LUU	10980	Ø12	15	22	44	30	24	8	33	5,5	M5x10	Ø4,3	64	77	232
SCE16LUU	10997	Ø16	19	25	50	38,5	32,5	9	36	7	M5x12	Ø4,3	79	89	360
SCE20LUU	11000	Ø20	21	27	54	41	35	11	40	7	M6x12	Ø5,2	90	106	490
SCE25LUU	11017	Ø25	26	38	76	51,5	41	12	54	11	M8x18	Ø6,5	119	136	1100
SCE30LUU	11024	Ø30	30	39	78	59,5	49	15	58	10	M8x18	Ø6,8	132	154	1525
SCE40LUU	11031	Ø40	40	51	102	78	62	20	80	11	M10x25	Ø8,6	150	180	3400
SCE50LUU	11048	Ø50	52	61	122	102	80	24	100	11	M10x25	Ø8,6	200	230	5920

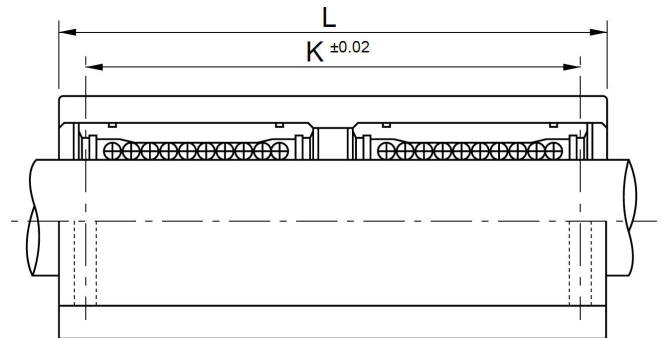
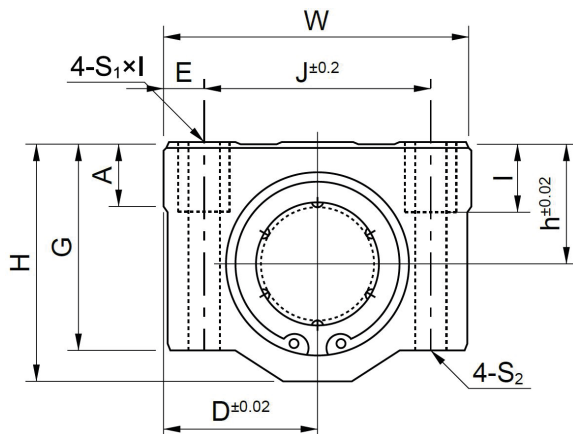
Linear Bearing with Housing - closed - long

SC...LUU



SC...LUU Metric-Japanese standard bearing.
UU = Dirt wipers on both sides.
Aluminum housing with 4 fastening threads.

Bezeichnung / Type	Linearlager / Linear Bearing	Tragzahl / Basic load rating	
		Dynamisch C N Dynamic C N	Statisch Co N Static Co N
SC8LUU	2xLM8UU	431	784
SC10LUU	2xLM10UU	588	1100
SC12LUU	2xLM12UU	813	1570
SC13LUU	2xLM13UU	813	1570
SC16LUU	2xLM16UU	1230	2350
SC20LUU	2xLM20UU	1410	2740
SC25LUU	2xLM25UU	1610	3140
SC30LUU	2xLM30UU	2450	5490
SC35LUU	2xLM35UU	2650	6270
SC40LUU	2xLM40UU	3430	8040
SC50LUU	2xLM50UU	6080	15900



Bezeichnung / Type	Art.Nr. / Item No.	Wellendurch- messer / Shaft Diameter	Maße / Dimensions (mm)												Gewicht / Weight (g)
			h	D	W	H	G	A	J	E	S ₁ xI	S ₂	K	L	
SC8LUU	SC8LUU	Ø8	11	17	34	22	18	6	24	5	M4x8	Ø3,4	42	58	94
SC10LUU	10973	Ø10	13	20	40	26	21	8	28	6	M5x12	Ø4,3	46	68	147
SC12LUU	SC12LUU	Ø12	15	21	42	28	24	8	30,5	5,75	M5x12	Ø4,3	50	70	220
SC13LUU	SC13LUU	Ø13	15	22	44	30	24,5	8	33	5,5	M5x12	Ø4,3	50	75	245
SC16LUU	SC16LUU	Ø16	19	25	50	38,5	32,5	9	36	7	M5x12	Ø4,3	60	85	376
SC20LUU	SC20LUU	Ø20	21	27	54	41	35	11	40	7	M6x12	Ø5,2	70	96	476
SC25LUU	SC25LUU	Ø25	26	38	76	51,5	42	12	54	11	M8x18	Ø7,0	100	130	1115
SC30LUU	SC30LUU	Ø30	30	39	78	59,5	49	15	58	10	M8x18	Ø7,0	110	140	1375
SC35LUU	*	Ø35	34	45	90	68	54	18	70	10	M8x18	Ø7,0	120	155	2200
SC40LUU	SC40LUU	Ø40	40	51	102	78	62	20	80	11	M10x25	Ø8,7	140	175	3200
SC50LUU	SC50LUU	Ø50	52	61	122	102	80	25	100	11	M10x25	Ø8,7	160	215	6720

*on demand

Linear Bearing with Housing - closed - compact

SCE...SUU



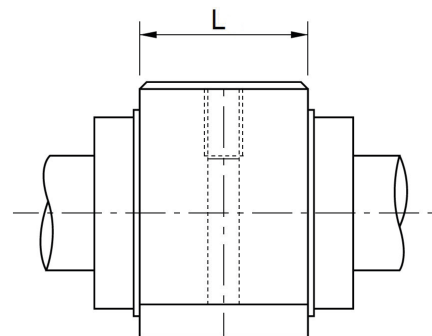
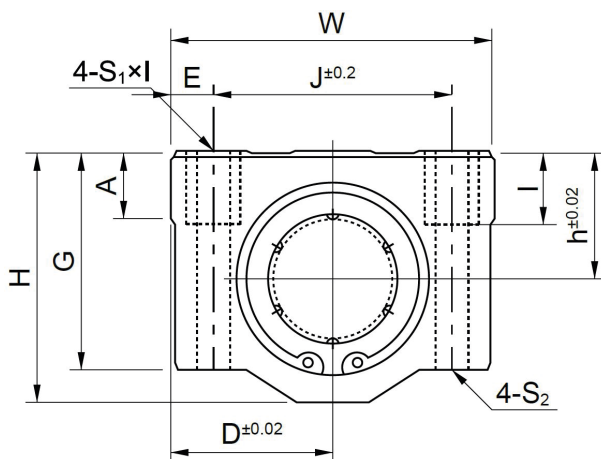
Bezeichnung / Type	Linearlager / Linear Bearing	Tragzahl / Basic load rating	
		Dynamisch C N Dynamic C N	Statisch Co N Static Co N
SCE8SUU	LME8UU	260	400
SCE12SUU	LME12UU	410	590
SCE16SUU	LME16UU	770	1170
SCE20SUU	LME20UU	860	1370
SCE25SUU	LME25UU	980	1560
SCE30SUU	LME30UU	1560	2740
SCE40SUU	LME40UU	2150	4010
SCE50SUU	LME50UU	3820	7930



SCE...SUU Bearings according to the metric-European standard.

UU = Dirt wipers on both sides.

Thanks to the aluminum housing with 2 fastening threads, the mechanical effort (e.g. when building a CNC or rapid prototyping machine) can be significantly reduced.



Bezeichnung / Type	Art.Nr. / Item No.	Wellendurch- messer / Shaft Diameter	Maße / Dimensions (mm)											Gewicht / Weight (g)
			h	D	W	H	G	A	J	E	S ₁ xI	S ₂	L	
SCE8SUU	10874	Ø8	11	17	34	22	18	6	24	5	M4x8	Ø3,4	14,4	40
SCE12SUU	10898	Ø12	15	22	44	30	24	8	33	5,5	M5x10	Ø4,3	20,3	82
SCE16SUU	10904	Ø16	19	25	50	38,5	32,5	9	36	7	M5x12	Ø4,3	22,3	122
SCE20SUU	10911	Ø20	21	27	54	41	35	11	40	7	M6x12	Ø5,2	28,3	176
SCE25SUU	10928	Ø25	26	38	76	51,5	41	12	54	11	M8x18	Ø6,5	40,4	400
SCE30SUU	10935	Ø30	30	39	78	59,5	49	15	58	10	M8x18	Ø6,8	48,4	570
SCE40SUU	10942	Ø40	40	51	102	78	62	20	80	11	M10x25	Ø8,6	56,4	1320
SCE50SUU	10959	Ø50	52	61	122	102	80	24	100	11	M10x25	Ø8,6	72,3	1900

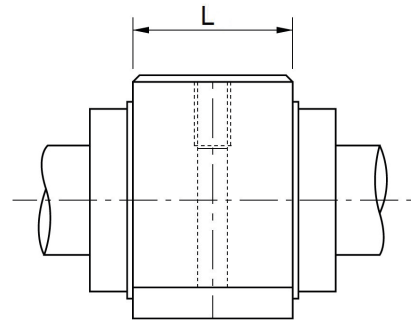
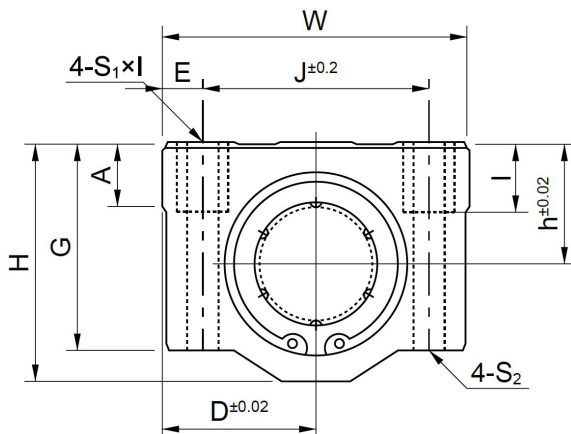
Linear Bearing with Housing - closed - compact

SC...SUU



SC...SUU Metric-Japanese standard bearing.
UU = Dirt wipers on both sides.
Aluminum housing with 2 fastening threads.

Bezeichnung / Type	Linearlager / Linear Bearing	Tragzahl / Basic load rating	
		Dynamisch C N Dynamic C N	Statisch Co N Static Co N
SC8SUU	LM8UU	260	400
SC10SUU	LM10UU	370	540
SC12SUU	LM12UU	410	590
SC13SUU	LM13UU	500	770
SC16SUU	LM16UU	770	1170
SC20SUU	LM20UU	860	1370
SC25SUU	LM25UU	980	1560
SC30SUU	LM30UU	1560	2740
SC35SUU	LM35UU	1660	3130
SC40SUU	LM40UU	2150	4010
SC50SUU	LM50UU	3820	7930



Bezeichnung / Type	Art.Nr. / Item No.	Wellendurch- messer / Shaft Diameter	Maße / Dimensions (mm)											Gewicht / Weight (g)
			h	D	W	H	G	A	J	E	S ₁ xI	S ₂	L	
SC8SUU	SC8SUU	Ø8	11	17	34	22	18	6	24	5	M4x8	Ø3,4	15,4	36
SC10SUU	10881	Ø10	13	20	40	26	21	8	28	6	M5x12	Ø4,3	19,5	63
SC12SUU	SC12SUU	Ø12	15	21	42	28	24	8	30,5	5,75	M5x12	Ø4,3	20,5	74
SC13SUU	SC13SUU	Ø13	15	22	44	30	24,5	8	33	5,5	M5x12	Ø4,3	20,5	85
SC16SUU	12601	Ø16	19	25	50	38,5	32,5	9	36	7	M5x12	Ø4,3	23,5	132
SC20SUU	SC20SUU	Ø20	21	27	54	41	35	11	40	7	M6x12	Ø5,2	27,4	170
SC25SUU	SC25SUU	Ø25	26	38	76	51,5	42	12	54	11	M8x18	Ø7,0	37,4	405
SC30SUU	SC30SUU	Ø30	30	39	78	59,5	49	15	58	10	M8x18	Ø7,0	40,9	495
SC35SUU	*	Ø35	34	45	90	68	54	18	70	10	M8x18	Ø7,0	45,4	790
SC40SUU	SC40SUU	Ø40	40	51	102	78	62	20	80	11	M10x25	Ø8,7	56,4	1220
SC50SUU	SC50SUU	Ø50	52	61	122	102	80	25	100	11	M10x25	Ø8,7	68,9	2300

*on demand

Linear Bearing with Housing - closed - adjustable

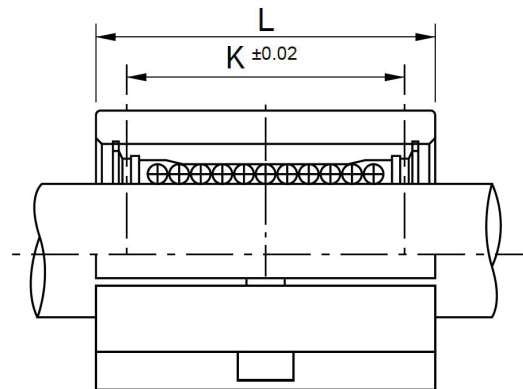
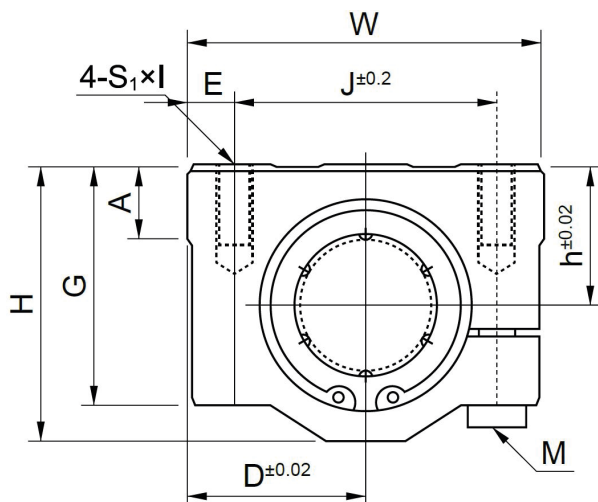
SCJ...UU



Bezeichnung / Type	Linearlager / Linear Bearing	Tragzahl / Basic load rating	
		Dynamisch C N Dynamic C N	Statisch Co N Static Co N
SCJ10UU	LM10UUAJ	372	549
SCJ12UU	LM12UUAJ	510	784
SCJ13UU	LM13UUAJ	510	784
SCJ16UU	LM16UUAJ	774	1180
SCJ20UU	LM20UUAJ	882	1370
SCJ25UU	LM25UUAJ	980	1570
SCJ30UU	LM30UUAJ	1570	2740
SCJ35UU	LM35UUAJ	1670	3140
SCJ40UU	LM40UUAJ	2160	4020
SCJ50UU	LM50UUAJ	3820	7940



Thanks to the aluminum housing with 4 fastening threads, the mechanical effort (e.g. when building a CNC or rapid prototyping machine) can be significantly reduced. The bearing is slotted on the side. This makes it possible to set the bearing play using a screw in the housing.



Bezeichnung / Type	Art.Nr. / Item No.	Wellendurch- messer / Shaft Diameter	Maße / Dimensions (mm)												Gewicht / Weight (g)
			h	D	W	H	G	A	J	E	S ₁ xl	K	L	M	
SCJ10UU	10706	Ø10	13	20	40	26	21	8	28	6,0	M5x12	21	35	M5	90
SCJ12UU	10713	Ø12	15	21	42	28	24	8	30,5	5,75	M5x12	26	36	M5	112
SCJ13UU	SCJ13UU	Ø13	15	22	44	30	24,5	8	33	5,5	M5x12	26	39	M5	123
SCJ16UU	10720	Ø16	19	25	50	38,5	32,5	9	36	7,0	M5x12	34	44	M5	189
SCJ20UU	10737	Ø20	21	27	54	41	35	11	40	7,0	M6x12	40	50	M5	237
SCJ25UU	10744	Ø25	26	38	76	51,5	42	12	54	11	M8x18	50	67	M6	555
SCJ30UU	10751	Ø30	30	39	78	59,5	49	15	58	10	M8x18	58	72	M6	685
SCJ35UU	*	Ø35	34	45	90	68	54	18	70	10	M8x18	60	80	M6	1100
SCJ40UU	10768	Ø40	40	51	102	78	62	20	80	11	M10x25	60	90	M8	1600
SCJ50UU	SCJ50UU	Ø50	52	51	122	102	80	25	100	11	M10x25	80	110	M8	3350

* on demand